

## REMARKS

In the Office Action of December 29, 2006, the Examiner imposed a restriction under 35 U.S.C. § 121 having identified two purportedly distinct inventions:

I. claims 1-22, 38-46, and 54-74 drawn to a method for modifying a program to allow the program to execute on a processor system by "replacing the critical code segment with a statement that calls the function" classified in 717/159;

II. claims 23-37 and 47-53 drawn to a compiler to generate a header file and an intermediate file for programming a programmable logic device coupled to a processor classified in 717/146.

Applicants hereby elect to proceed with examination of Group I (claims 1-22, 38-46, and 54-74), and withdraw the claims of Group II (claims 23-37 and 47-53) as being drawn to a non-elected invention. This election is made with traverse.

### CONCLUSION

Based on the foregoing amendments, Applicants believe the restrictions to the claims have been addressed. If the Examiner has any questions regarding the case, the Examiner is invited to contact Applicants' undersigned representative.

Respectfully submitted,

Kenneth M. Williams et al.

Date: February 21, 2007

By: \_\_\_\_\_

Steven Colby, Reg. No. 50,250

Carr & Ferrell LLP

2200 Geng Road

Palo Alto, CA 94303

Phone: (650) 812-3400

Fax: (650) 812-3444